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PTO/SB/21 (08-03)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/782,642
	Filing Date	February 19, 2004
	First Named Inventor	Stahmann, Jeffrey E.
	Art Unit	3762
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	020.0327.US.UTL

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <u>9</u> U.S. Patents <u>6</u> Non-Patent Literature Documents Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Law Offices of Patrick J.S. Inouye
Signature	
Date	July 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stahmann et al.

Serial No.: 10/782,642

Filed: February 19, 2004

Title: System And Method For Assessing
Cardiac Performance Through
Transcardiac Impedance Monitoring

Attorney Docket No.: 020.0327.US.UTL

Group Art Unit: 3762

Examiner: Unassigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

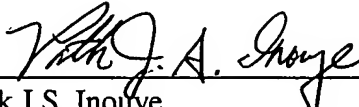
☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

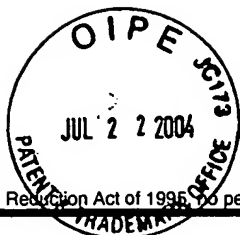
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Patrick J.S. Inouye
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PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/782,642
Filing Date	February 19, 2004
First Named Inventor	Stahmann et al.
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	020.0327.US.UTL

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,548,211	10-22-1985	Marks	
		US-5,788,643	08-04-1998	Feldman	
		US-6,120,442	09-19-2000	Hickey	
		US-6,238,349	05-29-2001	Hickey	
		US-3,776,221	12-04-1973	McIntyre	
		US-5,291,895	03-08-1994	McIntyre	
		US-5,113,869	05-19-1992	Nappholz et al.	
		US-5,752,976	05-19-1998	Duffin et al.	
		US-6,132,384	10-17-2000	Christopherson et al.	
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FOREIGN PATENT DOCUMENTS

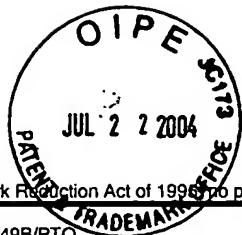
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Application Number	10/782,642
Filing Date	February 19, 2004
First Named Inventor	Stahmann et al.
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	020.0327.US.UTL

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		E. BRAUNWALD, "Heart Disease - A Textbook of Cardiovascular Medicine," pp. 46-52 (5 th Ed. 1997)	
		HAMILTON et al., "Arterial, Cerebrospinal and Venous Pressures in Man During Cough and Strain," 144 Am. J. of Phys., pp. 42, 42-50 (1944)	
		ZEMA et al., "Left Ventricular Dysfunction - Bedside Valsalva Maneuver," Br. Heart J., pp. 44:560-569 (1980)	
		McKay et al., "Instantaneous Measurement of Left and Right Ventricular Stroke Volume and Pressure-Volume Relationships with an Impedance Catheter," Circ. 69, No. 4, pp. 703-710 (1984)	
		WORTEL et al., "Impedance Measurements in the Human Right Ventricle Using a New Pacing System," Pacing Clinical Electrophysiology, Vol. 14(9), pp. 1336-42 (September 1991)	
		SEBORG et al., "Process Dynamics and Control," pp. 165-167, John Wiley & Sons (1989)	

Examiner
Signature

Date

Considered

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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